



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC SERIES 6 SEALED TWO-PIECE



Connector Product Type: **Housing**  
Operating Voltage: **600 VDC**  
Connector System: **Wire-to-Wire**  
Number of Positions: **16**  
Sealable: **Yes**

[All CPC SERIES 6 SEALED TWO-PIECE \(11\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	With
Number of Positions	16
Number of Power Positions	4
Seal Type	Wire Entry Seal
Keying	A
Number of Signal Positions	12



Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Socket
Contact Protection	With

Mechanical Attachment

Screw & Hole Thread Size	1-3/8 - 18 UNEF-2A
Mating Alignment	With
Mating Retention	With
Panel Mount Feature	Without
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Nylon
Circular Connector Shell Size	23

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	Immersion

Operation/Application

Circuit Application	Power & Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
VDE Tested	No

Packaging Features

Packaging Method	Package
Packaging Quantity	20



Product Compliance


For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability


Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>


Compatible Parts




TE Part # CAT-AM71-C83998X  
CPC SERIES 6 SEALED TWO-PIECE




TE Part # 5-2407269-2  
CAP, CPC, SIZE 23 PLUG, BLACK



TE Part # 5-2407269-4  
CAP, CPC, SIZE 23 PLUG, YELLOW



TE Part # 5-2407269-1  
CAP, CPC, SIZE 23 PLUG, ORANGE



TE Part # 5-2407269-3  
CAP, CPC, SIZE 23 PLUG, RED



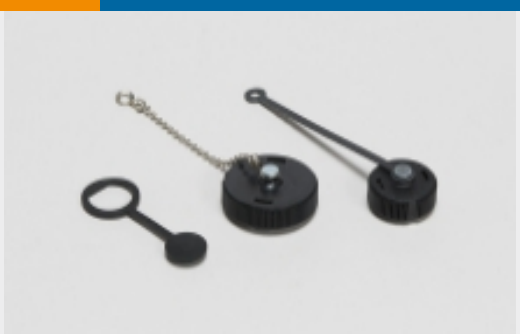
Also in the Series | AMP CPC



Circular Connector Adapters(7)



Circular Connector Boots & Strain Relief(6)



Circular Connector Caps & Covers(16)



Circular Connector Hardware(3)



Circular Connector Keying Plugs(2)



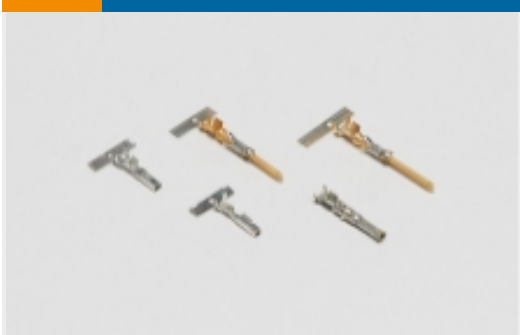
Circular Connector Seals(36)



Circular Power Connectors(518)



Insertion & Extraction Tools(1)



Power Contacts(6)

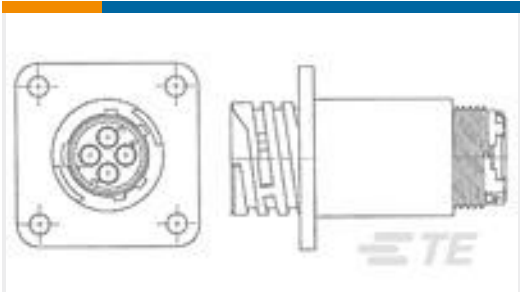


Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

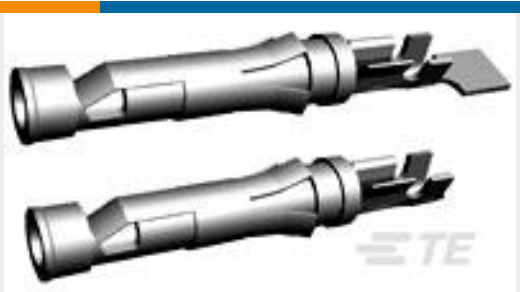
Customers Also Bought



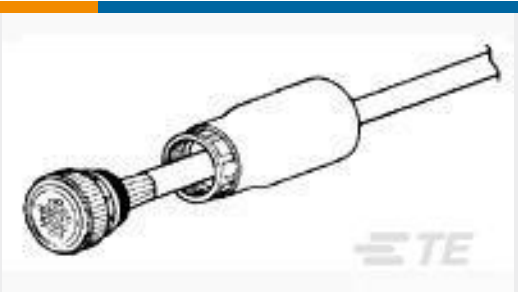
TE Part #796286-1  
RCPT.ASSY,23-37STD SEX SQ.FLNG



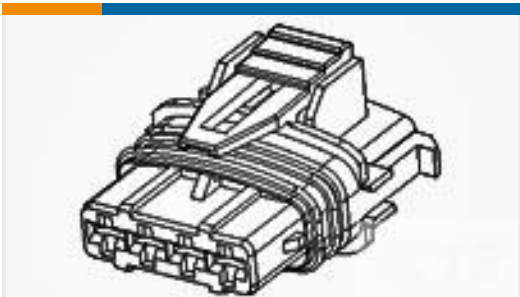
TE Part #213847-1  
POWERBAND CONTACTS



TE Part #1-66399-1  
III+ SKT,24-20,TIN,SMPACK



TE Part #54012-1  
CPC STRAIN RELIEF,SIZE 23



TE Part #368162-1  
JPT 4P ASSY FOR MAP SENSOR ORA



Documents

Product Drawings

SLD CPC PLUG ASSY,23-16,STD SX

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_796203-1\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_796203-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_796203-1\_B.3d\_stp.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_796203-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_796203-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_796203-1\_C.3d\_stp.zip

English

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Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English